



BIOLOGY NMDCAT EARLIER PREP

PMC UNIT WISE TEST Unit-11

WWW.SAEEDMDCAT.COM

03418729745(WhatsApp Groups)

SAEED MDCAT TEAM

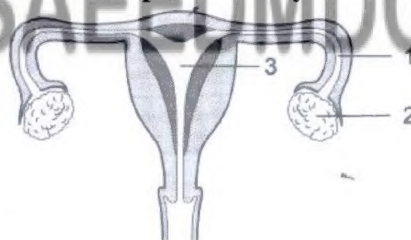
TOPIC:

✓ **Reproduction**

- Q.1 In human males, gonads are the part of:**
A. Reproductive & endocrine systems
B. Excretory & respiratory systems
C. Respiratory & reproductive systems
D. Cardiovascular & endocrine systems
- Q.2 All of the following structures are related to the male reproductive system except:**
A. Ureter
B. Epididymis
C. Urethra
D. Ejaculatory duct
- Q.3 In humans, the testes are situated _____ the abdominal cavity within a pouch called _____.**
A. Inside, testicular lobules
B. Outside, vas deferens
C. Outside, scrotum
D. Inside, scrotum
- Q.4 It is used to transfer sperms into female reproductive tract:**
A. Testes
B. Vas deferens
C. Scrotum
D. Copulatory organ
- Q.5 Epididymis is the proximal part of:**
A. Oviduct
B. Ureter
C. Uterus
D. Vas deferens
- Q.6 Which of the following is not a male sex accessory gland?**
A. Seminal vesicle
B. Epididymis
C. Prostate
D. Bulbourethral
- Q.7 Which of the following gland plays main role in semen formation?**
A. Prostate gland
B. Bulbourethral gland
C. Seminal vesicles
D. Ovaries
- Q.8 In males, the process of spermatogenesis starts:**
A. Before birth
B. Just after birth
C. After puberty
D. During anytime of adult life
- Q.9 Following are the structures of human male reproductive system. Identify the site of spermatogenesis:**
1. Seminiferous tubules
2. Vas deferens
3. Epididymis
4. Ejaculatory duct
5. Urethra
A. Both 1 and 5
B. Both 2 and 4
C. Only 1
D. Both 2 and 3
- Q.10 Total number of sperms produced by one primary spermatocyte is:**
A. 1
B. 2
C. 4
D. 8
- Q.11 Arrange the following into correct sequence regarding spermatogenesis:**
1. Spermatogonium
2. Spermatids
3. Primary spermatocytes
4. Secondary spermatocytes
5. Sperms
A. 1 → 3 → 5 → 2 → 4
B. 1 → 3 → 4 → 2 → 5
C. 2 → 1 → 3 → 4 → 5
D. 4 → 3 → 1 → 2 → 5
- Q.12 In the lumen of seminiferous tubules, _____ provides liquid medium, nourishment and protection to sperms.**



- A. Sertoli cells
C. Interstitial cells
- Q.13 Primary oocytes and primary spermatocytes are produced from oogonia and spermatogonia respectively by:**
A. Mitotic division
C. Meiotic division
- Q.14 Conversion of which of the following occurs via meiosis II:**
A. Primary oocyte to secondary oocyte
C. Secondary spermatocyte to spermatids
- Q.15 The difference between primary and secondary spermatocyte lies in:**
A. Presence/absence of a tail
B. Number of chromosomes
C. Being hormone producing and non-hormone producing
D. Primary gamete and secondary gamete in males
- Q.16 Each spermatogonium is _____ and has _____ number of chromosomes.**
A. n , 45
C. $2n$, 23
- Q.17 Testosterone is essential for development of male secondary sexual characters during/at:**
A. Puberty
C. Birth
- Q.18 What is the location of interstitial cells in testes?**
A. Inside the seminiferous tubules
C. Between the seminiferous tubule
- Q.19 In human testes, which structure is responsible for carrying sperm from inside the testis?**
A. Seminiferous tubules
C. Urinogenital duct
- Q.20 Which one of the following causes growth and development of germinal epithelium of the testes?**
A. Inhibin
B. Testosterone
- Q.21 Uterus opens into the vagina through:**
A. Cervix
C. Fallopian tube
- Q.22 Site for implantation and development of human embryo is:**
A. Ureter
C. Ovary
- Q.23 After ovulation, secondary oocyte enters into:**
A. Ovary
C. Oviduct
- Q.24 In which part of female reproductive system, fertilization takes place?**
A. Proximal part of oviduct
C. Distal part of oviduct
- Q.25 In human female reproductive cycle, which sequence of events is correct?**
A. Menstruation → Ovulation → Fertilization → Implantation
B. Menstruation → Ovulation → Implantation → Fertilization
C. Ovulation → Menstruation → Fertilization → Implantation
D. Ovulation → Menstruation → Implantation → Fertilization
- Q.26 The diagram shows the female reproductive system:**





In which parts the secondary oocyte and the zygote are formed?

	Secondary oocytes	Zygote
A.	1	2
B.	1	3
C.	2	1
D.	2	3

- Q.27 Oxytocin acts on all sites except:**
 A. Uterus
 B. Myometrium
 C. Mammary glands
 D. Ovary
- Q.28 Which of the following cell is haploid?**
 A. Oogonium
 B. Primary oocyte
 C. Follicle cell
 D. Secondary oocyte
- Q.29 Which one of the following is not the function of placenta?**
 A. Facilitates supply of oxygen and nutrients to embryo
 B. Secretes progesterone
 C. Facilitates the removal of carbon dioxide and waste material from embryo
 D. Secretes oxytocin during parturition
- Q.30 Which hormone causes final preparation of wall of uterus for placenta formation?**
 A. Progesterone
 B. FSH
 C. Estrogen
 D. LTH
- Q.31 Which of the following is not a function of estrogen?**
 A. Thickening of endometrium
 B. Inhibition of FSH secretion
 C. Vascularization of wall of uterus
 D. Inhibition of LH secretion
- Q.32 Which one of the following is serves as temporary endocrine gland?**
 A. Secondary oocyte
 B. Corpus luteum
 C. Oogonium
 D. Primary oocyte
- Q.33 Thickening of endometrium occurs during all phases of reproductive cycle except:**
 A. Menstrual phase
 B. Proliferative phase
 C. Secretory phase
 D. Luteal phase
- Q.34 Ovulation in females continues from _____ to _____.**
 A. Before birth, menopause
 B. Puberty, menopause
 C. After puberty, death
 D. Just after birth, 45 years of age
- Q.35 On an average, menstruation stage lasts for about:**
 A. 2 days
 B. 14 days
 C. 4 days
 D. 10 days
- Q.36 Menstrual cycle involves changes in:**
 A. Structure of reproductive system
 B. Hormonal responses
 C. Functions of reproductive system
 D. All A, B, C
- Q.37 Chances of fertilization are maximum:**
 A. During proliferative phase
 B. At start of secretory phase
 C. At end of menstruation
 D. At end of secretory phase
- Q.38 Menstrual cycle is controlled by hormones of:**
 A. Pituitary gland
 B. Hypothalamus
 C. Pancreas
 D. Ovary
- Q.39 If fertilization does not occur, then corpus luteum shows:**
 A. Proliferation
 B. Regeneration
 C. Metastasis
 D. Degeneration
- Q.40 The process of oogenesis initiates at the time of:**
 A. Fertilization
 B. Embryonic development
 C. Puberty
 D. Birth
- Q.41 The primary oocytes are arrested at which stage of cell division?**
 A. Prophase of meiosis I
 B. Metaphase of meiosis I
 C. Prophase of meiosis II
 D. Metaphase of meiosis II
- Q.42 Normally, how many ova are released during each menstrual cycle at a time?**
 A. 1
 B. 4
 C. 2
 D. Many
- Q.43 Primary oocytes are enclosed in group of cells called:**



- A. Germ cells
C. Follicle cells
- Q.44 It is the layer of uterus that is shed with each reproductive cycle:**
A. Mesometrium
C. Myometrium
- Q.45 The gonadal hormone that is responsible for healing and repair of uterine wall immediately after menstruation is:**
A. Luteinizing hormone
C. Estrogen
- Q.46 Which of the following two events of menstrual cycle coincide with each other?**
A. Decrease in level of LH and Ovulation
B. Ovulation and thickening of uterus
C. Increase in level of progesterone and menstruation
D. Secretary phase and follicular phase
- Q.47 The hormone that reaches the highest level during the post-ovulatory phase:**
A. Estrogen
C. FSH
- Q.48 Highly contagious disease that affects mucous membranes of urinogenital tract is:**
A. Gonorrhea
C. AIDS
- Q.49 Which of the following pair of STD's is caused by obligate intracellular parasite?**
A. Gonorrhea and syphilis
B. AIDS and syphilis
- Q.50 Syphilis is a sexually transmitted disease, caused by:**
A. Neisseria gonorrhoeae
C. Clostridium tetani
- B. Sertoli cells
D. Interstitial cells
- B. Endometrium
D. Perimetrium
- B. Progesterone
D. Testosterone
- C. Progesterone
D. LH
- B. Syphilis
D. Herpes
- C. Genital herpes and syphilis
D. AIDS and Genital herpes
- B. Treponema pallidum
D. Mycobacterium tuberculosis

**FOR MORE NMDCAT TEST AND
LECTURE**

Visit Our Website: www.saeedmdcat.com

MDCAT WhatsApp Groups: 03418729745

SAEED MDCAT TEAM



SAEEDMDCAT

Bio T-11 Key

Biology test unit #11 (Reproduction)

01-A	11-B	21-A	32-B	42-A
02-A	12-A	22-B	33-A	43-C
03-C	13-A	23-C	34-B	44-B
04-D	14-C	24-A	35-C	45-C
05-D	15-B	25-A	36-D	46-B
06-B	16-B	26-C	37-B	47-B
07-C	17-A	27-D	38-A	48-A
08-C	18-C	28-D	39-D	49-D
09-C	19-D	29-D	40-B	50-B
10-C	20-D	30-A	41-A	
		31-D		

Amey

SAEED MDCAT

If you want to get all the test and Lec of all Academy then follow us on different platforms

WEBSITE.www.saeedmdcat.com

FB Group And Page.SAEED MDCAT

INSTAGRAM.SAEED MDCAT

Twitter.Smdcat

For WhatsApp Group.03418729745

Regards.Huzaiifa Saeed,Usama Sohail

Saeed MDCAT

TRUE HERO ALWAYS WINS

National MDCAT 2020 Results

190+ 35 Students

185+ 218 Students

180+ 677 Students

JOIN US FOR FREE
TO SECURE YOUR FUTURE



SAEED MDCAT
SAEED MDCAT TEAM
f SAEEDMDCAT